

Borough of Heywood.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR
1973



HEALTH COMMITTEE

THE MAYOR: COUNCILLOR L. NUTTALL
CHAIRMAN: COUNCILLOR MRS. ADLINGTON, C.C.
VICE-CHAIRMAN: COUNCILLOR MRS. LYONS

ALDERMAN BOOTH
COUNCILLOR FERGUS
" GARVEY
" HILL
" KAY (Died 15.8.1973)
" KENNY
" LEES
" MRS. LEWIS
" PENNEY
" WILKINSON

PUBLIC HEALTH DEPARTMENT

Medical Officer of Health: J.S.Willman, M.B., B.Ch., B.A.O., D.P.H.,
M.F.C.M.,
Chief Public Health Inspector: J.Buckley, M.A.P.H.I., R.S.H.(Food)
(Resigned 30.12.1973)
Acting Chief Public Health Inspector: C.Horn, M.A.P.H.I., R.S.H.(Food & Smoke)
Additional Public Health Inspectors: F.Cooper, Dip.P.H.I.E.B., M.A.P.H.I.,
(Food & Smoke), A.M.Inst.P.C.,
B.Massey, Dip.P.H.I.E.B., M.A.P.H.I.,
(Food & Smoke), D.M.A.,
R.Atherton, Dip.P.H.I.E.B., M.A.P.H.I.,
(Food). (Commenced 2.1.1973)

Clerks:

Mrs. M. Warburton
Mrs. J. Henry
Mrs. L. Dearden
Mrs. J. Taylor (Part-time)

Enforcement Officer:

H. Chadwick

PUBLIC HEALTH DEPARTMENT,

HEYWOOD.

MARCH, 1974.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

In accordance with an instruction issued by the Department of Health and Social Security dated 22nd February, 1974, I have pleasure in presenting a report on the health of the Borough for 1973.

Of necessity the report is in a somewhat abbreviated form and does not contain information relating to vital statistics which is unavailable from the Office of Population, Censuses and Surveys before April. Again, due to limitations imposed by the report being produced within the Department some statistical charts have had to be presented in an unfamiliar form.

This is, of course, the last report of its kind as the statutory requirement ceases with the repeal of the Public Health Officers' Regulations on 1st April, 1974 under the Local Government Act, 1972. However, the many annual reports produced by this and other Health Offices throughout the country record a century of improvements in the field of public health.

I take this opportunity of expressing my thanks to all those who have assisted me in the compilation of this report, to the Staff of the Department and to the Members of the Committee for their kind support.

I am, Ladies and Gentlemen,

Your obedient servant,

J.S.WILLMAN.

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA:

Area (acres)	:	8,342
Population (Census 1971)	:	30,418
Estimated Population 1973	:	31,720
No. of inhabited houses, 1973	:	11,598
Rateable value at 31.12.1973	:	£1,048,689
Sum represented by a penny rate	:	£9,654

		Males	Females	Total
<u>LIVE BIRTHS:</u>	Hospital	211	217	428
	Home	32	24	56
		<u>243</u>	<u>241</u>	<u>484</u>
<u>STILLBIRTHS:</u>		2	1	3
<u>DEATHS:</u>	Home	77	65	142

(It should be noted that complete figures relating to hospital deaths and other inward transfers are not yet available)

<u>HOME DEATHS ANALYSIS - AGE GROUPS</u>							
<u>0-1</u>	<u>1-5</u>	<u>10-14</u>	<u>25-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>Over 65</u>
3	1	1	1	4	8	23	101

INFECTIOUS DISEASES

No. of cases notified and no. of notified cases removed to hospital during 1973. (Death figures unavailable)

MONTH	Measles	Infective Jaundice	Scarlet Fever	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Dysentery	Food Poisoning	Viral Meningitis	Whooping Cough	Total monthly cases
JANUARY	17	2	4	-	-	-	-	-	-	23
FEBRUARY	35	4	8	4	-	-	2	-	-	53
MARCH	40	3	4	-	1	-	1	-	-	49
APRIL	28	4	1	-	1	-	-	-	1	35
MAY	12	7	1	-	-	-	-	-	-	20
JUNE	8	1	-	-	-	-	-	-	-	9
JULY	-	3	-	-	-	-	1	-	-	4
AUGUST	-	1	-	-	-	3	1	-	-	5
SEPTEMBER	9	3	-	-	-	-	1	1	-	14
OCTOBER	36	1	5	-	-	-	3	-	-	45
NOVEMBER	51	9	-	-	-	3	2	-	-	65
DECEMBER	12	7	1	-	-	4	-	-	-	24
TOTAL	248	45	24	4	2	10	11	1	1	346

(3)

CASES REMOVED TO HOSPITAL:

Pulmonary Tuberculosis:	3
Non Pulmonary Tuberculosis:	2
Viral Meningitis:	1
Scarlet Fever:	2
Food Poisoning:	1
Dysentery:	3
<u>Total:</u>	<u>12</u>

INFECTIOUS DISEASESFOOD POISONING.

Eleven cases were reported. Eight persons were infected with Salmonella typhi-murium and three with other Salmonellae. The infecting vehicles were not identified.

IMMUNISATION.

The established immunisation and vaccination clinics for children continue to be well attended. Relevant figures for 1973 are:

Disease	No. Immunised or Vaccinated	Reinforcement Injections
Whooping Cough	394	9
Poliomyelitis	353	499
Diphtheria	446	592
Smallpox	85	78
Tetanus	464	677
Measles	187	-
Rubella (girls only)	69	-

This personal health protection is carried out at the Child Welfare Clinic, Taylor Street and administered by the Lancashire County Council.

BACTERIOLOGICAL EXAMINATION.

The examination of bacteriological specimens is carried out by the Public Health Laboratory at Withington Hospital. Specimens sent for examination were:

Food Poisoning	36
Dysentery	89
Cholera	10

DISINFECTION.

Disinfection of infected materials arising from notifiable cases of Infectious Disease is carried out by the Public Health Staff. Tubercular infected houses are disinfected and Elementary Schools, where any possibility of infection exists, are fumigated or sprayed with liquid disinfectant. All books belonging to the Public Library which have been exposed to infection are treated before returning to shelves for circulation.

TUBERCULOSIS:

Six new cases, four pulmonary and two non-pulmonary were notified during 1973. This represents an overall increase in the incidence of Tuberculosis compared with the 1972 figure of four cases (three pulmonary and 1 non-pulmonary). In addition one case was transferred into Heywood under population movement. One person was reported as recovered.

HOSPITALS:

Two District Hospital Management Committees serve the Borough:-

- (1) The Bury and Rossendale Hospital Management Committee which controls:

Bury General Hospital
Fairfield General Hospital, Bury
Rossendale General Hospital, Rawtenstall
Florence Nightingale Hospital, Bury

- (2) Rochdale and District Management Committee which controls:

Birch Hill Hospital, Rochdale
Rochdale Infirmary.

HOSPITALS:

Tuberculosis: The Chest Clinic is held at "Sparthfield" Manchester Road, Rochdale, to which suspected cases are referred by medical practitioners.

Venereal Diseases: Confidential advice and treatment are given at:
V.D. Clinic, Bury General Hospital
Special Treatment Centre, Manchester Road, Rochdale.

AMBULANCE SERVICE:

A fully equipped and staffed ambulance service is provided by the County Council for all types of case including those of infectious diseases.

NURSING IN THE HOME:

Four Midwives practise in the Borough. Three District Nurses, two State Enrolled Nurses and one Nursing Auxiliary work in the town and attend evening sessions for surgical dressing and injections at the Taylor Street Clinic. All appointments are made by the County Council.

DAY NURSERIES:

Two day nurseries under the control of the County Council are situated in the Borough:-

Derby Street Nursery, accommodating 50 children
Queen Street Nursery, accommodating 50 children.

MATERNITY AND CHILD WELFARE CLINICS:

These clinics are held at the undermentioned times:

Health Centre, Taylor Street:	Ante-Natal Clinic:	Wednesday 9.0.a.m.
	Specialist Clinic:	4th Tuesday each month 1.30.p.m.
	Child Welfare Clinic:	Wednesday and Thursday 1.30. to 3.30.p.m.
Darnhill Clinic:	Ante-Natal Clinic:	Monday 1.30.p.m.
	Child Welfare Clinic:	Tuesday 1.30. to 3.30.p.m.

The following clinics are also held:

AUDIOMETRY at Taylor Street alternate Thursday afternoons; CHIROPODY at Taylor Street and Darnhill throughout the week; CYTOLOGY at Taylor Street alternate Thursday mornings; DENTAL at Taylor Street each Monday, Wednesday and Friday at 9.30.a.m. and 2.0.p.m. In addition a clinic is held for expectant and nursing mothers at 5.0.p.m. on Monday and Tuesday.

FAMILY PLANNING at Taylor Street on Monday at 7.0.p.m; MINOR AILMENTS at Taylor Street each Tuesday and Friday morning commencing at 9.0.a.m.
OPHTHALMIC at Taylor Street each Monday at 9.0.a.m.

All these clinics with the exception of Minor Ailments are by appointment only.

PUBLIC HEALTH DEPARTMENT,
HEYWOOD.

MARCH, 1974.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

It is my pleasure to submit a report on the environmental health service provided during 1973. As in recent years the work of the Department has been concentrated on housing, particularly house improvement and clearance, food hygiene and smoke control, each an important factor of environmental hygiene.

It is with some gratification that I draw your attention to the completion of the smoke control programme. The final area, No. 11A, became operative on 1st December, 1973 and represents a considerable achievement in twelve years, reflecting the Council's progressive attitude towards a cleaner atmosphere.

Response by the public to the improvement grant scheme has once again occupied much of the department's time; whether current interest will continue when the present 75% grant reverts to 50% in June, 1974, remains to be seen.

The fixed approved programme of house clearance is being maintained but I must again report that properties continue to deteriorate due to inadequate maintenance and patch repair work. It would appear that few landlords are taking advantage of grant aided schemes to improve their properties.

Finally I must pay tribute to Mr. J. Buckley who retired on 30th December, 1973, having completed some twenty-five years service in this Department as Chief Public Health Inspector.

I take this opportunity to record my appreciation of the efforts of the Chairman and Members of the Health Committee during the year, and the support given by the Medical Officer of Health and the Staff of the Department.

I am, Ladies and Gentlemen,

Your obedient servant,

C. HORN.

Acting Chief Public Health Inspector.

SANITARY CIRCUMSTANCES.

WATER SUPPLY:

The water supply to the Borough is supplied by the West Pennine Water Board which includes Heywood, Middleton, Ashton, Oldham, Rochdale, Saddleworth and Audenshaw.

Water is derived from moorland surface gathering grounds, stored in impounding reservoirs and treated by pressure filtration and chlorination before entering supply mains. As a safeguard against plumbo solvent action lime or soda ash is added during filtration. The supply is sufficient and constant and a direct piped supply is maintained in 11,550 houses. No dwellinghouse is supplied by means of a stand pipe.

It is encouraging to report that all samples, both from Reservoirs and Distribution areas have been satisfactory. Coliform organisms have been present on a few occasions and the waters have been slightly on the acid side of neutrality as usual. In general the appearance and clarity of the waters have been good and the lead content of no consequence. Samples examined for artificial radioactivity can be classed as satisfactory and in keeping with both the National and Regional levels. Samples examined for natural fluoride content were in the range of 0.22 to 0.23 parts per million.

SCHOOLS:

The water supply and sanitary condition of public elementary schools in Heywood is satisfactory. No instance of school closure, for the prevention of spread of infectious disease was necessary during the year.

CLOSET ACCOMMODATION:

A long term policy is in operation whereby owners of property are offered a grant for the conversion of either waste-water or pail closets. This was increased from £15. to £30. on 1st April, 1975.

It will be noted that the unsatisfactory sanitary accommodation consists of:

- 34 Pail Closets
- 303 Waste-water Closets.

PUBLIC CLEANSING:

House refuse is deposited by householders in the 11,200 movable ashbins together with 67 bulk containers which are now in existence. In addition, a disposable paper sack service is in use at 173 premises. Refuse from premises other than houses is collected from the 777 movable ashbins and collection of all refuse and nightsoil is carried out weekly.

The number of houses at which movable ashbins have been provided during the year is 786.

Approximately two-thirds of refuse collected is dealt with at the Destructor Works where it is screened and burnt. The remainder is disposed of by direct tipping.

In an attempt to prevent unsightly tipping the Department operates a free service of removal of household furniture and effects. During the year 1,958 collections of this nature were made throughout the district.

As a result of procedure established under the Civic Amenities Act, 1967 (Part 111) together with the original scheme of voluntary surrender by owners, 98 abandoned or old motor vehicles have been removed from various locations within the Borough during the year. The Corporation has authority to prosecute owners for abandoning motor vehicles.

A free service of removal is maintained as an incentive to prevent this nuisance.

SWIMMING BATHS AND POOLS:

The Public Baths provided by the Local Authority consists of a swimming bath (25 x 10 yards) and 15 slipper baths (10 for men, 5 for women) the latter being fairly modern and in good condition.

The water used for filling is from the West Pennine Water Board supply which is treated by filtration, sterilisation and aeration. A complete turnover of water is accomplished every 3½ hours. During the year four full chemical and bacteriological examinations were taken, all of which were satisfactory.

New baths with a 25 x 8½ metre pool and 8½ metre square learner pool with 4 slipper baths are in the course of construction.

There is no privately owned swimming bath or pool in the Borough.

PREMISES OR OCCUPATIONS FOR WHICH BYE-LAWS MAY BE ENFORCED:

- Offensive Trades: There is one offensive trade carried out, i.e. tanning.
- Common Lodging Houses: One registered premises which is satisfactory.
- Houses let in Lodgings: There are four premises in the Borough.

SANITARY INSPECTION OF THE AREA.

1. General Inspections, etc.

No. of visits to premises	7642
Defects or Nuisances discovered	941
Defects or Nuisances abated	1031
No. of Informal Notices served	878
No. of Statutory Notices served, P.H.Act, 1961.	Section 17 53
" " " " " " " " " " " "	Section 26 1
" " " " " " " " " " " "	Section 39 8
" " " " " " " " " " " "	Section 45 2
" " " " " " " " " " " "	Section 79 2
" " " " " " " " " " " "	Section 83 1
" " " " " " " " " " " "	Section 93 21
" " " " " " " " " " " "	Section 12 1
" " " " " " " " " " " "	Section 30 2
" " Qualification Certificates issued Housing Finance Act, 1972 .	16
No. of legal proceedings taken	2

2. Nature and result of the Inspections.

The following is a summary of the inspections carried out:

No. of inspections of Farms and Dairies	75
" " " " Factories	42
" " " " Shops	163
" " " " Licensed Premises	18
" " " " re Poultry Processing	100
" " " " Other Food Premises	180
" " " " Housing	5340
" " " " Water Supplies	43
" " " " Rodent Control	66
" " " " Smoke Control Areas	138
" " " " Smoke Abatement	38
" " " " Infectious Diseases	114
" " " " Abandoned Motor Vehicles	300
" " " " Removal of Caravans	1
" " " " Noise Abatement	133
" " " " Offices, Shops & Railway Premises	32
" " " " Other Premises	821
" " " " Qualification Certificates	15
" " " " Disinfestation	25
	<u>TOTAL: 7642</u>

No. of complaints received 415

SHOPS AND OFFICES:

There are 540 shops in the Borough. During the year 163 inspections were made of the various premises.

A total of 188 premises were registered under the Offices, Shops and Railway Premises Act, 1963 at the end of the year, of which 32 were inspected. Where necessary owners have been communicated with to ensure that the various classes of premises comply with the requirements of the Act.

SMOKE ABATEMENT:

There are Bye-Laws in operation in the Borough limiting the emission of black smoke for not more than two minutes in any period of 30 minutes.

Although 38 visits were made to premises during the year in connection with smoke abatement it was only found necessary to take one observation of an industrial chimney.

SMOKE CONTROL AREAS:

Smoke Control Area No. 11A came into operation on 1st December, 1973, thus completing the smoke control programme for the Borough.

Summary:

No. of Smoke Control Areas in operation at 31.12.73.	111
No. of dwellings and other buildings involved	10,912

Exempted Premises:

A total of 135 premises are exempted from the 11 smoke control orders currently in operation. These may be classified as follows:

Slum Clearance:	95 premises
Redevelopment:	35 premises
Industrial:	5 premises

FACTORIES ACT, 1961.

There are 173 factories within the district in which Section 7 is enforced by the Local Authority. 42 inspections were made during the year and all the premises visited were found to be satisfactory.

Outworkers:

The number of outworkers employed as notified in accordance with Section 133 (1) (c) numbered 22, all of whom were engaged as machinists in the clothing trade (category 1).

HOUSING:

The present number of applications received by the Housing Department for Corporation houses is 480, i.e. from lodgers 106, from householders 374, and classified thus:

For Bungalows/One Bedroom Flats:	202
For Two Bedrooms Houses/Flats:	191
For Three/Four Bedrooms:	87
Total:	480

The number of applicants for Corporation houses has increased by eight despite a six month period during the year when no new applications were accepted. 108 families were housed from lodgings and privately owned houses during the year. At the present time the primary need is for one/two bedroom accommodation. Currently approximately 50% of applications for transfer to one bedroom accommodation are from tenants in three bedroom dwellings whose premises are under occupied. The rehousing of tenants into dwellings more suitable to their requirements would release three and four bedroom Council houses for family needs.

2,263 houses are under the control of the Local Authority.

Housing Statistics:

No. of new houses and flats erected during the year:-

- 1) By the Local Authority: -
- 2) By other Local Authorities: -
- 3) By other bodies or persons: 150

Particulars of Council Housing Schemes:

- a) In hand at the end of 1973: Aged persons flatlets/wardens house, Adelaide Street.
5 bungalows, Gooden Street.
Maisonettes above shops, Gooden Farm Estate.
- b) Contemplated: Mason Street redevelopment.

HOUSING CLEARANCE:

Orders for 146 unfit dwellings were prepared for submission to the Department of the Environment during the year. A total of 136 persons were rehoused and 66 houses demolished. 11 persons were rehoused and 2 houses closed as a result of undertakings.

108 houses were made fit as a result of informal or formal action by the Department. There remain some 284 houses to be dealt with under the revised 1972/1977 clearance programme.

Darnhill Overspill Estate:

There were no new dwellings completed during 1973. The estate comprises 1,878 dwellings and as a result of house purchase by sitting tenants 1,860 now remain under control of Manchester Corporation.

IMPROVEMENT GRANTS:

A total of 214 applications were submitted during the year all of which were approved. Work was completed at 129 privately owned and 3 Council dwellings.

Agincourt Street General Improvement Area.

This area involves 338 dwellings of which 117 are Council houses and 221 either owner-occupied or rented properties. The initial survey revealed that 116 dwellings lack at least one of the standard amenities and 105 are without a damp-proof course or require minor repairs.

Works of improvement continue and have now been completed at 63 dwellings.

Work has also been completed on various schemes relating to improvement of the environment namely, road surfacing, improved street lighting, screening, landscaping, the provision of block garages and an adventure playground.

Standard Grants:

9 applications were submitted, 7 of which were approved by the Council. Work was completed on 1 scheme.

INSPECTION AND SUPERVISION OF FOOD

MILK:

The supervision of milk production on farms is the responsibility of the Ministry of Agriculture, Fisheries and Food. The Local Authority is responsible for the prevention of milk infection.

MEAT:

All slaughtering and inspection of carcasses is carried out at abattoirs in surrounding authorities, with the exception of animals slaughtered in emergency or in connection with certain diseases of animals.

Two Slaughterman's Licences were granted during the year in accordance with the Slaughter of Animals Act.

The policy adopted as regards the prevention of contamination of meat in shops, stalls and vehicles, conforms with the Food Hygiene Regulations, 1955 and the Food Hygiene (Markets, Stalls and Delivery Vehicles) Regulations, 1966.

POULTRY:

There is one poultry processing premises in the district which is inspected daily.

Type	No.Processed	No.Rejected	Rejected Weight
Hens	1,309,400	7,113	18,142 lbs.

LIQUID EGG (PASTEURISATION) REGULATIONS, 1963.

There is one egg pasteurisation plant in the district.

OTHER FOODS:

Inspections under the sale of Food and Drugs Act, 1955 are carried out by the County Council.

UN SOUND FOOD:

The amount of unsound foodstuffs surrendered and destroyed during the year includes:

Tinned and Packet Foods:	2,955 lbs.
Frozen Foods:	586 lbs.
Fresh Meat:	990 lbs.

All condemned food is incinerated under supervision.

FOOD HYGIENE (GENERAL) REGULATIONS, 1970.

Type of Business	No. of Premises	No. Inspections
General Grocers & Provision Dealers	85	62
Greengrocers & Fruiterers (including those selling Wet Fish, Game etc)	27	9
Fishmongers	2	6
Meat Shops	34	44
Bakers/Confectioners	35	10
Fried Fish Shops	24	6
Shops selling Sugar Confectionery, Minerals, Ice-Cream etc.	23	26
Licensed Premises	97	18
Others	213	27

ICE CREAM (HEAT TREATMENT) REGULATIONS, 1959 and 1963:

The registration of premises for the manufacture and sale of Ice Cream is carried out under Section 16 of the Food and Drugs Act, 1955. Before registration is granted premises must comply with the Code of Practice issued by the Lancashire County Council. A total of 82 premises were registered for the sale and 1 premises registered for the manufacture of Ice Cream at the end of 1973, to which 26 visits have been made.

FOOD HAWKERS:

The registration of Hawkers of food and their premises is carried out under Section 14 of the Lancashire County Council (General Powers) Acts and both premises and mobile vehicles must comply with the required regulations. 7 persons, residing within the Borough are registered as Hawkers. Additionally, 28 mobile shops in the ownership of 16 other persons or companies, are registered.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

	Type of Property	
	Non-Agricultural	Agricultural
a) No. of properties in District:	11,515	83
b) Total no. of properties inspected following complaint:	630	3
c) No. of properties in (b) infested by: Rats	238	3
Mice	301	-

All infested properties were treated and where necessary owners advised to effect repairs contributing to the infestation.

DISINFESTATION:

No. of Council houses found to be infested: (Fleas)	2
No. of Other houses found to be infested: (5 Bugs, 2 Fleas, 1 Cockroaches)	8
Total number of houses disinfested:	10

Disinfestation of Council Houses is carried out by a specialist company.

NOISE ABATEMENT ACT, 1960.

17 complaints relating to a noise nuisance were received and investigated during the year. Of these 9 related to barking dogs, 5 to industrial premises and 3 others. No formal action was necessary on any occasion.

SCRAP METAL DEALERS ACT, 1964.

A total of 8 persons are now registered under the Act. Registrations are renewable at three yearly intervals.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963.RIDING ESTABLISHMENTS ACT, 1964.

There are 3 registered premises in the Borough, (two Animal Boarding and one Riding Establishments) which are regularly inspected by a qualified veterinary surgeon, delegated by the Council.

PETROLEUM ACTS:

A total of 40 licences were issued during the year for the storage of 130,680 gallons Petroleum Spirit, 57,980 gallons stored by 30 private companies and 72,700 gallons for sale at 10 commercial garages. All new storage tanks are installed under the supervision of the Department and any tank withdrawn from use must be rendered safe from the risk of explosion to comply with licensing conditions.

DESTRUCTOR WORKS:

9,000 tons of household and shop refuse have been received at the Works during the year and dealt with by separation, incineration and controlled tipping. A further 2,500 tons of industrial waste have been absorbed on the Destructor Works tip and 7,000 tons of Excavation materials at the River Street tip.

Salvage operations have continued, the main items being ferrous and non-ferrous metals.

The Works consist of two Receiving Hoppers with Housing, one Hiab Grab, Refuse Elevator, Rotary Screen and Housing Tailings Conveyor, Picking Belt, Electro-Magnetic Metal Extractor, two cell Incinerator, Stoking Conveyor and Fan Draught, Dust Extractors, Water Seal Dust Trap, Metal Baler, Paper Baler, electric motors etc.

Some trouble has been experienced from trespass and wilful damage.

SEWAGE WORKS:

During the year 1,227 million gallons of sewage and trade waste have been fully treated at the Botany Sewage Works. The highest daily flow was recorded in January when 4.7 million gallons was fully treated and a similar amount of storm water passed through the storm water tanks. The rainfall recorded at the Works for this day was 1.03 inches. The sewage has been strong in character due to the trade waste discharged from a Tannery, Dyeing and Bleaching Works, Paper Mill etc.

/CONT.

SEWAGE WORKS (CONT).

Storm water above three times the normal dry weather flow and up to six times that amount has been separately treated in the storm water tanks.

340 tons of material have been dredged from the Detritus Tank, 700 tons from the Storm Tanks, 7039 tons of sludge removed from the Precipitation Tanks and 1425 tons from the Final Settlement Tanks. 9504 tons of sludge have been removed by tanker for disposal at sea.

Treatment at the Botany Works consists of sedimentation, biological filtration and final settlement, some chemical precipitation is carried out. The Works consists of Detritus Tank, Comminutors, Storm Water Overflows and Tanks, Flow Recorder, Flow Distributor Chambers, Sedimentation Tanks, Filtration Plant, Final Settling Tanks, Electrical and Diesel Pumping Plant, Air Compressor and Ejector etc.

The Botany Works although designed to treat 1.5 million gallons per day dry weather flow, do in fact treat some 2.3 million gallons per day dry weather flow, thus the final effluent being discharged to the River Roch is rarely in accordance with the Royal Commission standards.

Sewage from the Heap Bridge area has been separately treated at the small land filtration plant at Heap Bridge, the estimated flow being 24 million gallons.

The Council's Consulting Engineers are at present preparing a scheme for transmitting all sewage from Heywood To Bury County Borough Council Sewage Works for treatment which, when implemented, will enable the Botany and Heap Bridge Works to be abandoned.

It is anticipated that construction of the new sewer will commence during 1974.
